

Please type a plus (+) sign in this box →



Substitute for form 1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 80041 US 01

First Named Inventor Jernigan et al.

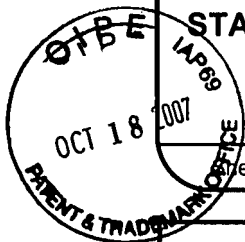
COMPLETE IF KNOWN

Application Number 10/796,238

Filing Date March 9, 2004

Group Art Unit 1711

Examiner Name T. Boykin



Sheet

1

of

4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		3,451,971		Allied Chem Corp.	06-24-1969
		3,624,040		Rath, et al.	11-30-1971
		3,631,153		FMC Corp.	12-28-1971
		4,100,142		Schaefer, et al.	7-11-1978
		4,260,735		Bander, et al.	04-07-1981
		4,289,871		Rowan, et al	09-15-1981
		4,501,878		Adams	02-26-1985
		4,613,664		Tate et al.	09-23-1986
		4,619,987		Saiki, et al	10-28-1986
		4,647,650		Sasaki, et al	03-03-1987
		5,573,820		Harazoe, et al	11-12-1996
		5,648,032		Nelson, et al	07-15-1997
		5,886,133		Hilbert et al	03-23-1999
		6,066,714		Putzig, et al	05-23-2000
		6,099,778		Nelson, et al	08-08-2000
		6,472,500		Dhawan, et al.	10-29-2002
		6,500,915		Fujimori, et al.	12-31-2002
		2002/0077443		Nichols, et al.	06-20-2002
		2003/144459		Fujimori et al.	07-31-2003

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →



Substitute for form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Attorney Docket Number		80041 US 01			
				First Named Inventor		Jernigan et al.			
				COMPLETE IF KNOWN					
				Application Number		10/796,238			
				Filing Date		March 9, 2004			
				Group Art Unit		1711			
Sheet	2	of	4	Examiner Name		T. Boykin			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
		AT	259232 (ABS)		Chemiefaser Lenzing A. - G.	01-10-1968	
		DE	1950553 (ABS)		M&T Chem. Inc.	04-09-1970	
		EP	1065230		Arteva Technologies	01-03-2001	√
		GB	1337751 (ABS)		Vickers-Zimmer AG Planung	11-21-1973	
		JP	1999152324		Teijin Ltd.	06-08-1999	√
		JP	2000128970		Toyobo Co. Ltd.	05-09-2000	√
		JP	2000128971		Toyobo Co. Ltd.	05-09-2000	√
		JP	2000129102		Toyobo Co. Ltd.	05-09-2000	√
		JP	3146707		Toray Industries	06-21-1991	√
		JP	3161509		Toray Industries	07-11-1991	√
		JP	3292323		Fuji Film Co., Ltd.	12-24-1991	√
		JP	46041025		Asahi Chemical Industry	12-03-1971	√
		JP	46041033 (ABS)		Asahi Chemical Ind.	12-03-1971	
		JP	47039497 (ABS)		Mitsubishi Rayon Co. Ltd.	01-18-1978	
		JP	47042989 (ABS)		Mitsubishi Rayon Co. Ltd.	06-05-1975	
		JP	48005798 (ABS)		Akzo NV	01-24-1973	
		JP	48007272 (ABS)		Teijin Ltd.	03-03-1973	
		JP	48026955 (ABS)		Dumont WA, Julien J-P	04-24-1974	
		JP	48031991 (ABS)		Unitika Ltd.	10-03-1973	
		JP	48038634 (ABS)		Mitsubishi Rayon Co., Ltd.	11-19-1973	
		JP	48038635 (ABS)		Mitsubishi Rayon Co. Ltd.	11-19-1973	
		JP	48038637 (ABS)		Mitsubishi Rayon Co. Ltd.	11-19-1973	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →



Substitute for form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Attorney Docket Number		80041 US 01			
				First Named Inventor		Jernigan et al.			
				COMPLETE IF KNOWN					
				Application Number		10/796,238			
				Filing Date		March 9, 2004			
				Group Art Unit		1711			
Sheet	3	of	4	Examiner Name		T. Boykin			

		JP	48056782 (ABS)		Asahi Chemical Industry Co., Ltd.	08-09-1973	
		JP	48056783 (ABS)		Asahi Chemical Industry Co., Ltd.	08-09-1973	
		JP	48056784 (ABS)		Asahi Chemical Industry Co., Ltd.	08-09-1973	
		JP	48079898 (ABS)		Kuraray Co. Ltd.	10-26-1973	
		JP	49005918 (ABS)		Unilever NV	01-19-1974	
		JP	49006835 (ABS)		Japan Ester Co., Ltd.	02-16-1974	
		JP	49006839 (ABS)		Mitsubishi Chemical Industries Co., Ltd.	02-16-1974	
		JP	49009116 (ABS)		Mitsubishi Rayon Co., Ltd.	03-01-1974	
		JP	49010834 (ABS)		Armco Steel Corp.	01-30-1974	
		JP	49045015 (ABS)		Toyo Spinning Co. Ltd.	04-27-1974	
		JP	49045014 (ABS)		Toyo Spinning Co. Ltd.	04-27-1974	
		JP	50039711 (ABS)		Matsushita Elec. Ind. Co. Ltd.	04-12-1975	
		JP	51042795 (ABS)		Toray Ind. Inc.	04-12-1976	
		JP	51127195 (ABS)		Mitsubishi Chem Ind. Ltd.	11-05-1976	
		JP	51145594 (ABS)		Kuraray Co., Ltd.	12-14-1976	
		JP	52123489 (ABS)		Toray Ind. Inc.	10-17-1977	
		JP	52129798 (ABS)		Mitsubishi Rayon Co. Ltd.	10-31-1977	
		JP	52129799 (ABS)		Mitsubishi Rayon Co. Ltd.	10-31-1977	
		JP	53051294 (ABS)		Mitsubishi Rayon Co. Ltd.	05-10-1978	
		JP	53051295 (ABS)		Mitsubishi Rayon Co. Ltd.	05-10-1978	
		JP	53052595 (ABS)		Nippon Ester Co. Ltd.	05-13-1978	
		JP	53105591 (ABS)		Nippon Ester Co. Ltd.	09-13-1978	
		JP	54135896 (ABS)		Nippon Ester Co. Ltd.	10-22-1979	
		JP	54163996 (ABS)		Nippon Ester Co. Ltd.	12-27-1979	
		JP	55089332 (ABS)		Nippon Ester Co. Ltd.	07-05-1980	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →



Substitute for form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Attorney Docket Number		80041 US 01			
				First Named Inventor		Jernigan et al.			
				COMPLETE IF KNOWN					
				Application Number		10/796,238			
				Filing Date		March 9, 2004			
				Group Art Unit		1711			
Sheet	4	of	4	Examiner Name		T. Boykin			

		JP	55149320 (ABS)		Nippon Ester Co. Ltd.	11-20-1980	
		JP	56008431 (ABS)		Nippon Ester Co. Ltd.	01-28-1981	
		JP	57038609 (ABS)		Teijin Ltd.	08-17-1982	
		JP	58109532 (ABS)		Nippon Ester Co. Ltd.	06-29-1983	
		JP	59051295 (ABS)		Kyowa Hakko Kogyo KK	03-24-1984	
		JP	60219226		Nippon Ester Co., Ltd.	11-01-1985	√
		JP	62297318		Toyobo Co., Ltd.	12-24-1987	√
		JP	1996003301		Mitsubishi Heavy Industries Ltd.	01-09-1996	√
		JP	1996073581		Hoechst Aktiengesellschaft	03-19-1996	√
		JP	1996283398		Nippon Ester Co. Ltd.	10-29-1996	√
		JP	8325364		Polyplastics Co., Ltd.	12-10-1996	√
		JP	1997040850		Toray Industries	02-10-1997	√
		JP	52105591 (ABS)		Eastman Kodak Co.	09-05-1977	
		JP	73035948 (ABS)		Teijin Ltd.	11-04-1968	
		KR	2001089942		Kohap Co., Ltd.	03-15-2000	√
		KR	1997-0007952		Kim Jun-eung, Sonkyong Industry Co. Ltd.	05-19-1997	√
		NL	7113206 (ABS)		Mitsubishi Rayon Co. Ltd.	03-28-1972	
		WO	01/14452		Eastman Chemical Company	03-01-2001	

OTHER - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.